a1 amd'd.

have an outwardly flared curved edge 46 which allows rotor cup 22 to lay flat on a surface (not shown in Figure 2).

✓Please delete the title and replace with the following title:

✓EXTERNAL ROTOR CUP WITH ANNULAR FLANGE EXTENDING THEREFROM

IN THE CLAIMS

a2

5. (once amended) A rotor cup assembly for an electric motor, said rotor cup assembly comprising a housing comprising a top, a bottom, a sidewall extending circumferentially from said top and having a first diameter, said sidewall and said top defining a cavity, and an annular flange extending circumferentially from said sidewall for strengthening said sidewall, said sidewall having a first diameter, a second diameter, and a first thickness, said first diameter less than said second diameter.

6. (once amended) A rotor cup assembly in accordance with Claim 5 wherein said annular flange configured to have an edge, said edge outwardly flared from said sidewall by an angle (Φ).

a3

8. (once amended) A rotor cup assembly in accordance with Claim 5 wherein a portion of said annular flange is removable for facilitating rotor balance.

a4

11. (once amended) An electric motor comprising a stator including a stator core having a winding thereon, a rotor positioned at least partially around said stator, a rotor shaft positioned at least partially within said rotor, and a rotor cup, said rotor shaft extending through said rotor cup, said rotor cup comprising:

a housing comprising a top, a bottom, a sidewall, and an annular flange, said sidewall extending circumferentially from said top and having a first diameter, said annular flange extending circumferentially from said sidewall for strengthening said sidewall, said sidewall